

## CLAIMS

What is claimed is:

1. In a wireless device, a method of searching for an item of  
5 information residing on another wireless device, said method comprising:  
creating a message that identifies said item of information and that also  
identifies an address, said message readable by a second wireless device  
within communication range; and  
receiving said item of information from said second wireless device  
10 provided said item of information is available therefrom and provided said  
second wireless device remains in communication with said wireless device,  
wherein otherwise said message is propagated to other wireless devices, said  
address for receiving said item of information from one of said other wireless  
devices having a connection to said address.  
15
2. The method as recited in Claim 1 wherein said address is a  
Web-based address.
3. The method as recited in Claim 1 comprising:  
20 sending said message to said second wireless device.
4. The method as recited in Claim 1 wherein said message is read  
by said second device, said second device creating a second message that is  
a duplicate of said message.

25

5. The method as recited in Claim 1 wherein said second wireless device and said other wireless devices comprise sensor devices in a sensor network.

5 6. The method as recited in Claim 1 wherein said message comprises Extensible Markup Language (XML) code.

7. The method as recited in Claim 1 wherein said message comprises a unique message identifier.

10

8. In a wireless device, a method of retrieving an information item sought by another wireless device, said method comprising:

receiving from a second wireless device an address and content associated with said information item; and

15 propagating a message to other wireless devices within communication range, said message comprising said address, said message also comprising said information item provided said information item is available and otherwise said message identifying a sought-for information item, said address for receiving said item of information from one of said other wireless  
20 devices having a connection to said address.

9. The method as recited in Claim 8 wherein said content associated with said information item identifies said sought-for information item.

25

10. The method as recited in Claim 8 wherein said content associated with said information item comprises said information item.

11. The method as recited in Claim 8 wherein said address is a  
5 Web-based address.

12. The method as recited in Claim 8 comprising:  
creating said message by reading and duplicating a message residing  
on said second device.

10 13. The method as recited in Claim 8 comprising:  
receiving a message from said second device, said message from said  
second device comprising said address and said content associated with said  
information item.

15 14. The method as recited in Claim 8 wherein said other wireless  
devices comprise sensor devices in a sensor network.

15. The method as recited in Claim 8 wherein said message  
20 comprises Extensible Markup Language (XML) code.

16. In a wireless device, a method of providing an information item  
sought by another wireless device, said method comprising:  
receiving from a second wireless device an address and content  
25 associated with said information item; and

5 sending said information item to said address provided a connection to said address is available and provided said information item is available and otherwise propagating a message to other wireless devices within communication range, said message comprising said address, said message also comprising said information item provided said information item is available and otherwise said message identifying a sought-for information item, said address for receiving said item of information from one of said other wireless devices having a connection to said address.

10 17. The method as recited in Claim 16 wherein said content associated with said information item identifies said sought-for information item.

15 18. The method as recited in Claim 16 wherein said content associated with said information item comprises said information item.

19. The method as recited in Claim 16 wherein said address is a Web-based address.

20 20. The method as recited in Claim 16 comprising:  
creating said message by reading and duplicating a message residing on said second device.

21. The method as recited in Claim 16 comprising:

receiving a message from said second device, said message from said second device comprising said address and said content associated with said information item.

5

22. The method as recited in Claim 16 wherein said other wireless devices comprise sensor devices in a sensor network.

23. The method as recited in Claim 16 wherein said message  
10 comprises Extensible Markup Language (XML) code.